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Computation of the limit weight in hydrotechnical gravity construction. Tech gosp morska 11 no.10:303-306 '61.

1. Instytut Budownictwa Wodnego Polskiej Akademii Nauk, Gdansk.

DRUET, Czeslaw, dr inz.

Theoretical methods of dynamic parameter calculations of the progressive sea wave. Archiw hydrotech 9 no.3:417-444 '62.

1. Zaklad Budownictwa Morskiego Instytutu Budownictwa Wodnego Polskiej Akademii Nauk, Gdansk-Wrzeszcz, ul. Majakowskiego 11/12.

KOWALSKI, Tadeusz, inz.; SLOMIANKO, Pawel, doc. dr inz.; PASZKIEWICZ, Czeslaw, mgr; KARWOWSKI, Jozef, doc. dr inz.; DRUET, Czeslaw, dr inz.; TUHIELEWICZ-WITKOWSKA, Hanna, mgr inz.; SZARANIEC, Tadeusz, mgr inz.; ONOSZKO, Jerzy, mgr inz.; RBYINSKI, Jerzy, mgr inz.; HOFFMANN, Marian, mgr inz.

Discussions on papers and communications. Rozpr hydrotechn no.12: 119-127 '62.

1. Research Institute of Hydraulic Engineering, Polish Academy of Sciences, Gdansk (for all except Kowalski and Paszkiewicz). 2. Maritime Institute, Gdansk (for Kowalski). 3. State Hydrological and Meteorological Institute, Gdynia (for Paszkiewicz).

DRUET, Czeslaw, dr ins.

Territorial research on coastal rubble movement in the U.S.S.R.
Tech gosp morska 12 no.11:334-336 N '62.

1. Instytut Budownictwa Wodnego, Polska Akademia Nauk, Gdansk.

DRUET, Czeslaw, dr.

Running of waves against the slopes of dike dams. Gosp wodna 22 no.4:169-172 Ap '62.

1. Pracownia Ochrony i Dynamiki Brzegu Morskiego, Instytut Budownictwa Wodnego, Polska Akademia Nauk, Gdansk.

DRUET, Czeslaw, dr inz., adiunkt; KITAJGORODZKIJ, Siergiej, kand. nauk fiz.-mat.

Methods of prognosticating wind sea waves for needs of hydraulic engineering. Archiw hydrotech 10 no.1:29-57 '63.

1. Instytut Budownictwa Wodnego, Polska Akademia Nauk, Gdansk (for Druet). 2. St. pracownik naukowy, Instytut Oceanologii, Akademia Nauk ZSSR, Moskwa (for Kitajgorodzkij).

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1. Institute of Hydraulic Engineering of the Polish Academy of Sciences, Gdansk.

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DRUET, Czeslaw; OLESZKIEWICZ, Mikolaj

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Rozpr hydrotechn no. 15:149-163 '64.

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Studies on feeding and digestion in protozoa. Acta biol Hung 14 no.3:209-213 '63.

1. Department of Histology and Embryology, Medical University, Budapest. (Head: I. Toro).

VILCEANU, Sabin, student (Bucuresti); DRUGA, M.Gh., absolvent (Breaza); ZAMFIRESCU, Tudor I., student (Bucuresti); CAPITAN, Gh.I., prof. (Anina); LUSZTIG, Gh., elev (Timisoara); BAZACOV, Gh. (Tr.Severin) GEORGESCU, Corneliu, prof. (Craiova); B. VITALYOS, Erzsebet (Cluj).

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[Organizing the work of locomotive and train crews according to detailed schedules; work practice of the October line] Organizatsiia raboty lokomotivnykh i poezdnykh brigad po imennym raspisaniiam; opyt oktiabr'skoi dorogi. Moskva, Gos. transp. zhel-dor. izd-vo, 1954. 78 p.

(Railroads--Management) (MLRA 7:12)

OSIPOV, V.T.; DRUGACH, B.A., redaktor; YUDKOV, D.M., tekhnicheskiy redaktor.

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(Petroleum--Transportation) (MLRA 7:12)

DRUGAL', S.A., inzhener.

Qualities and defects of car dumpers. Mekh. trud. rab. 11 no.4: 29-31 Ap '57. (MLRA 10:6)
(Dumping appliances) (Loading and unloading)

DRUGAL', S.A., aspirant.

Vibration cleaning of gondola cars. Vest. TSNII MPS 17 no.2:48-51 Mr '58. (MIRA 11:4)

1. TSentral'nyy nauchno-issledovatel'skiy institut Ministerstva putey soobshcheniya.
(Railroads—Freight cars) (Loading and unloading)

DRUGAL', S.A., inzh.

Vibration machinery for cleaning gondolas. Vest. TSNII MPS 18 no.7:56-59 N '59. (MIRA 13:2)
(Railroads--Freight cars) (Vibrators)

DRUGAL', S. A., Cand Tech Sci -- (diss) "Research into a vibration method of clearing semi-cars of remaining loaded cargo." Moscow, 1960. 18 pp with graphs; (All-Union Scientific Research Inst of Railroad Transport); 150 copies; free; (KL, 17-60, 153)

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1. Ural'skoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta Ministerstva putey soobshcheniya, Sverdlovsk.
(Railroads--Freight cars)

DRUGAL', [redacted].A., kand.tekhn.nauk (Sverdlovsk)

Overhead vibrators for the unloading of gondola cars. Zhel. dor.transp. 43 no.12:87-89 D '61. (MIRA 15:1)
(Loading and unloading--Equipment and supplies)
(Vibrators)

DRUGAL', Sergey Aleksandrovich; ZUBAREV, Viktor Vasil'yevich; KOGAN, L.A., kand. tekhn.nauk, retsenzent; MARTYNOV, M.S., inzh., retsenzent; FEDORCHUK, V.A., kand. tekhn. nauk, retsenzent; FILIPPOVA, L.S., red.; SHISHLYKOV, Ye.S., inzh., red.; USENKO, L.A., tekhn. red.

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RAMODIN, V.N.; DRUGAL', S.A.; ZAYTSEV, Yu.V., inzh., retsenzent; PREDE, V.Yu., inzh., red.; BOBROVA, Ye.N., tekhn. red.

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[Materials of the 3d scientific and technical conference] Materialy III nauchno-tekhnicheskoi konferentsii. Sverdlovsk. No.5. 1964. 128 p. (MIRA 18:1)

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LEPSKIY, A.V.; BORODULINA, Ye.V.; UGODIN, Ye.G.; PLYUKHIN, D.S.; MOROZOV, E.N.; DRUGAL', S.A.; KHARITONOV, Ye.V.; RAMODIN, V.N.; CHUPRIKOV, S.A.

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(MIRA 17:12)

DRUGAL', S.A., kand.tekhn.nauk

Unloading, vibrators and preservation of gondola cars.
Zhel.dor.transp. 46 no.12:51-52 D '64.

(MIRA 19:1)

DEUGALEV, S.M.; BRONNIKOVA, N.I.

Efficient organization of the procurement and maintenance of rolls.
Metallurg 10 no.9:36-37 S '65. (MIRA 18:9)

DRUGALEV, S.M., inzh.

Effect of the concentration of industrial production on the efficient use of machine tools. Vest.mash. 40 no.5:70-71 My '60.
(MIRA 14:4)
(Industrial management)

DRUGALEVA, Z.S.; ZHUKOVA, L.; FEDOTOV, M.

Specialization of machinery manufacturing in an economic region. Vop. ekon. no.4:59-68 Ap '58. (MIRA 11:5)

1. Ural'skiy filial AN SSSR (for Drugaleva, Zhukova). 2. Chelyabinskiy sovnarkhoz (for Fedotov).
(Chelyabinsk Province--Machinery industry)

SOV/122-59-2-26/34

AUTHOR: Drugaleva, Z.S., Candidate of Economic Sciences

TITLE: Problems of the Concentration, Specialisation and Co-operation in the Press-Working Metal Industry of the Urals (Voprosy kontsentratsii, spetsialisatsii i kooperirovaniya kuznechno-pressovogo proizvodstva Urala)

PERIODICAL: Vestnik Mashinostroyeniya, 1959, 39 Nr 2, pp 72-74 (USSR)

ABSTRACT: Large differences in the cost of forgings per ton are found when comparing shops of different size and specialisation. The best shop in the Urals produces forgings at a cost of 1045 rubles per ton, wherein 522 rubles are spent on metal, 60 rubles on fuel, 134 rubles on wages and 329 rubles on shop overheads. The worst shop in the district, with an output equal to 1/18th of the best, has an overall cost of 1976 rubles per ton, wherein 772 are spent on metal, 142 on fuel, 482 on wages and 580 on overheads. Co-operation between engineering plants leading to greater specialisation is advocated as the main way of reducing the cost of

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SOV/122-59-2-26/34

Problems of the Concentration, Specialisation and Co-operation in the Press-Working Metal Industry of the Urals

press-working. Medium sized shops have been found to be the most expensive and require the greatest attention. There is 1 table.

Card 2/2

VLASOVA, Antonina Aleksandrovna; DRUGALEVA, Zinaida Samuilovna; ZHUKOVA, Larisa Mikhaylovna; GOLUBEVA, K.A., inzh., retsenzent; MASLIY, K.Ya., suborez, retsenzent; ZHUKOV, P.A., kand. ekon.nauk, red.; SHRAFIMOVICH, B.V., red. vypuska; BELYAKOV, M.N., red.; ROZENBERG, I.A., kand.ekon.nauk, red.; SMIRNITSKIY, Ye.K., kand.ekon.nauk, red.; SUSTAVOV, M.I., inzh., red.; DUGINA, N.A., tekhn.red.

[How to increase labor productivity] Kak povysit' proizvoditel'nost' truda. Moskva, Mashgiz, 1960. 37 p. (Biblioteka rabochego mashinostroitelia: Seriia "Osnovy konkretnoi ekonomiki," no.6) (MIRA 14:5)
(Machinery industry--Labor productivity)

S/110/60/000/011/001/012
E194/E484

AUTHORS: Pytel', N.N., Engineer, Drugaleva, Z.S., Engineer and Vlasova, A.A., Engineer

TITLE: The Development of Specialization in the Electro-Technical Industry of the Sverdlovsk Economic Region

PERIODICAL: Vestnik elektropromyshlennosti, 1960, No.11, pp.1-4

TEXT: The electro-technical industry of the Sverdlovsk economic region covers a wide range of products. It is accordingly possible to make effective use of specialization in manufacture both in particular factories and in particular branches of the industry. Specialization within a branch of the industry is accomplished as follows: (1) the various items produced are redistributed between factories so that each concentrates on a smaller range of products which it produces with increased output; (2) the manufacture of products which are auxiliary to the production of the main electrical engineering and instrument works is withdrawn from the existing works and concentrated in new and reconstructed works; (3) the production of products which are not specific to electrical engineering or instrument manufacture is concentrated in

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specialized works of a general engineering character. By this means space is freed in the main works and the organization can be simplified, moreover, manufacture in the new works is more economic. A few examples of this kind of reorganization are quoted. The Baranchinskiy Electro-Mechanical Works formerly produced 400 different types of various kinds of machines with outputs ranging from 2.8 to 400 kW. The works had four shops concentrated on different kinds of production each with relatively small output. For many years the works did not fulfil its plan in respect of range of equipment produced, labour productivity or cost. In 1957, the works was relieved of production of certain sizes of electric motor and simultaneously the organization of labour and specialization within the works was improved. This reorganization has resulted in considerably increased output. At the same time the Kamensk-Uralskiy Electro-Mechanical Works was specialized and its output was increased. It was decided to specialize the Uralelektroapparat Works on large electrical machines and equipment manufacture. The works was relieved of the production of certain kinds of small

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series products, production of which was organized in a special works for high voltage equipment at Nizhnyaya Tura. Flow and conveyor methods of production were introduced at the new works where output greatly increased. The space freed at the Uralelektroapparat Works was used to extend the insulation shop which had held up the development of manufacture of various kinds of heavy electrical engineering equipment. A typical example of specialization between branches of industry is the organization of the production of Radio-sondes which are manufactured by the Gidrometpribor Works. The demand for these sones has greatly increased and the best solution was found to be to specialize the manufacture of separate assemblies or units in different factories, which greatly increased the output. The Bobrova Works has begun to specialize on the production of solid insulation. In 1958, the Uralkabel' Works was freed of the manufacture of various kinds of products not directly appertaining to cables. It is intended further to specialize the Uralelektroapparat Works which will be relieved of the manufacture of current transformers and circuit

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S/110/60/000/011/001/012
E194/E484

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breakers. Later on it will be freed of the manufacture of solid insulation and lightning dischargers. All these will be transferred to other factories. The manufacture of a number of other products which bear no relation to its main function will also be removed from the works. Experience of the Council of National Economy of the Sverdlovsk Region in specializing manufacture in the ways described has been very satisfactory. Specialization must, of course, be closely associated with improved design and methods of manufacture. The installation of flow line, mechanized and automatic methods of manufacture is being delayed by the shortage of qualified engineers.

SUBMITTED: July 29, 1960

Card 4/4

FYTEL', N.N., inzh.; DRUGALEVA, Z.S., inzh.; VLASOVA, A.A., inzh.

Development of specialization in the electric equipment industry of the Sverdlovsk Economic Region. Vest.elektroprom. 31 no.11:1-4 N '60. (MIRA 13:12)
(Sverdlovsk Province--Electric industries)

VLASOVA, A.A., kand.ekonomicheskikh nauk; DRUGALEVA, Z.S., kand. ekonomicheskikh nauk; ZHUKOVA, L.M., kand.ekonomicheskikh nauk

System of intrafactory specialization. Vest.mach. 40 no.9:73-74 S '60. (MIRA 13:9)
(Factory management)

DRUGAN, Al., Dr.

Early diagnosis of chronic evolutive polyarthritis. Med. int.,Bucur. 8 no.5:716-725 Sept 56.

(ARTHRITIS, RHEUMATOID, diagnosis
early diag. of chronic evolutive polyarthritis)

DRUGAN, A.

STOIA, I.; DRUGAN, A.

[redacted]

Considerations on the etiopathogeny and treatment of discopathies.
Rumanian M. Rev. 1 no.1:42-45 Jan-May 57.
(SPONDYLOSIS
pathogen. & ther.).

RUMANIA / Human and Animal Physiology. Blood Circulation. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41256.

Author : Dmitriu, C. Gh.; Drugan, A.; Mates, E.; Stanescu, P.; Merovici, S.; Nestor, R.; Nestor, G.

*Inst : ~~Not Given.~~

Title : Investigations of Water and Electrolytes Metabolism in Cardiac Insufficiency.

Orig Pub: Probl. terap., 1957, 6, 31-40.

Abstract: No Abstract..

* Institutul de Terapeutică al Academiei R. P. R.

Card 1/1

STOIA, I.; DRUGAN, A.

Study of the problem of balneo-physiotherapy of rheumatism. Probl. reumat., Bucur. no.5:89-91 1958.

(RHEUMATISM, therapy
balneol. & phys. ther., in Rumania)
(BALNEOLOGY, in various dis.)
rheum. dis., in Rumania)
(PHYSICAL THERAPY, in various dis.
rheum. dis., in Rumania)

DRUGANOV, Jurij G.; HAVLIK, Jan

New Soviet veneer lathe. Drevo 18 no.5:204 My '63.

1. Vyssia skola lesnicka a drevarska, Zvolen.

GIBSHMAN, Yevgeniy Yevgen'yevich, inzh.; GIBSHMAN, Mikhail Yevgen'yevich, dots.; DRUGANOVA, A.B., inzh., retsenzent; GOLUBKOVA, Ye.S., red.; GALAKTIONOVA, Ye.N., tekhn. red.

[Theory and calculations of prestressed concrete bridges] Teoriia i raschet predvaritel'no napriazhennykh zhelezobetonnykh mostov. Moskva, Avtotransizdat, 1963. 396 p. (MIRA 16:5)
(Bridges, Concrete—Design and construction)

DICK, J.; DRUGARIN, C.

A new rapid method for the determination and separation of manganese and iron. Studii mat Timisoara 7 no.1/2:21-24 Ja-Je '60. (EEAI 10:4)
(Manganese) (Iron)

DICK, J.; DRUGARIN, C.

A rapid gravimetric determination of thallium in an aqueous medium, or in organic solvents. Studii chim Timisoara 8 no.1/2:117-122 Ja-Je '61.

(Thallium) (Water) (Solvents)

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Titrimetric determination of a mixture of sulfonic and sulfuric acids in industrial sulfonated products. Studii chim Timisoara 8 no.3/4:201-204 J1-D '61.

DICK, J.; DRUGARIN, C.

Complexes of Ni and Co of the pyrazolonic series. New specific methods for the control of the manufacture of pyrazolonic antipyretics. Studii chim Timisoara 8 no.3/4:205-217 Jl-D '61.

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Photometric detrimination of Fe in some tensioactive products.
Studii chim Timisoara 8 no.3/4:219-224 J1-D '61.

DICK, J.; DRUGARIN, C.

A new method for the synthesis of barbituric acid. Studii chim Timisoara 8 no.3/4:225-232 J1-D '61.

CRISAN, I.; BRATU, I.; DRUGARIN, C.; BRATU, N.; TODICA, P.

Partial results of the agrochemical classification of Banat soils. Studii agr Timisoara 10 no. 2: 241-256 Jl-D '63.

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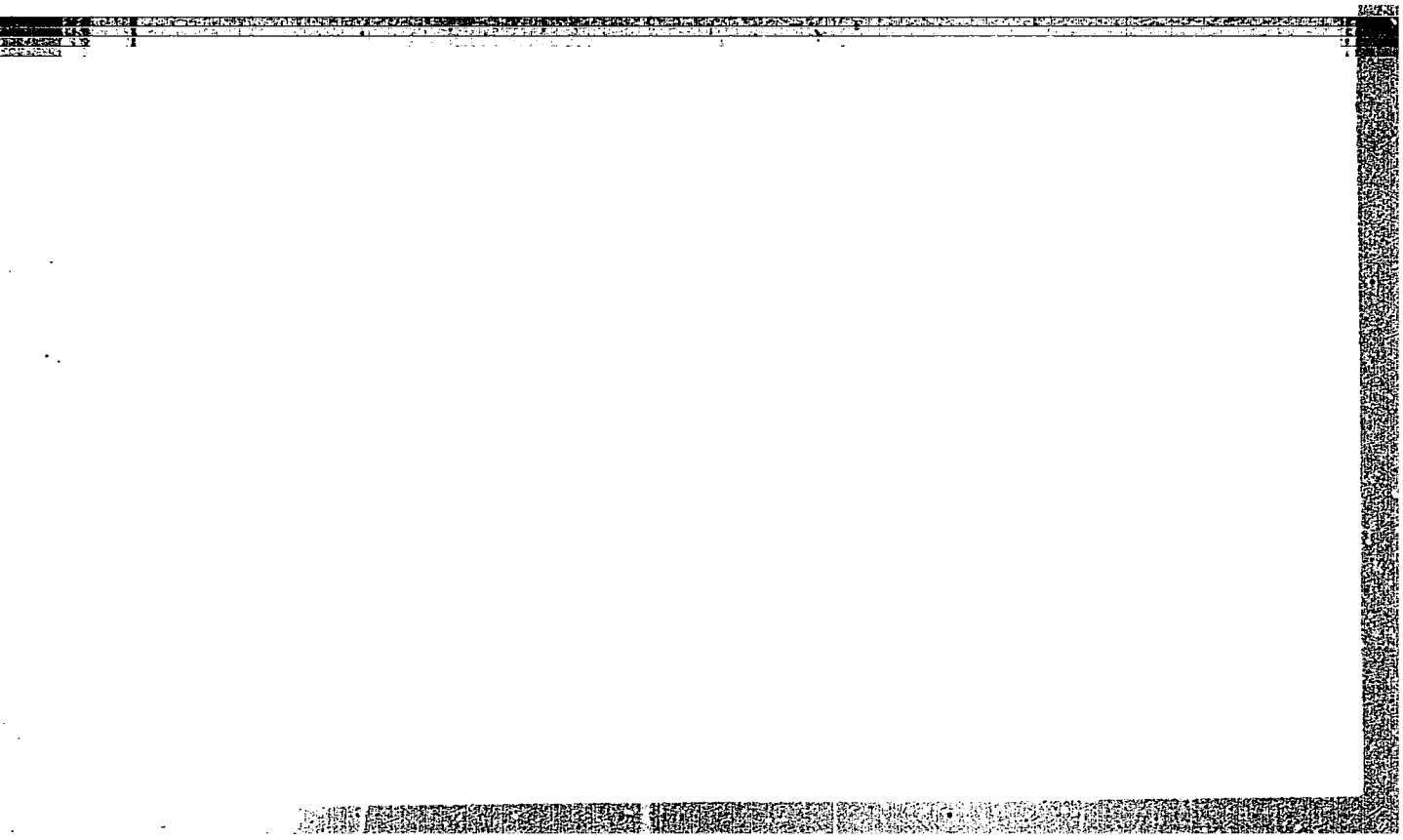

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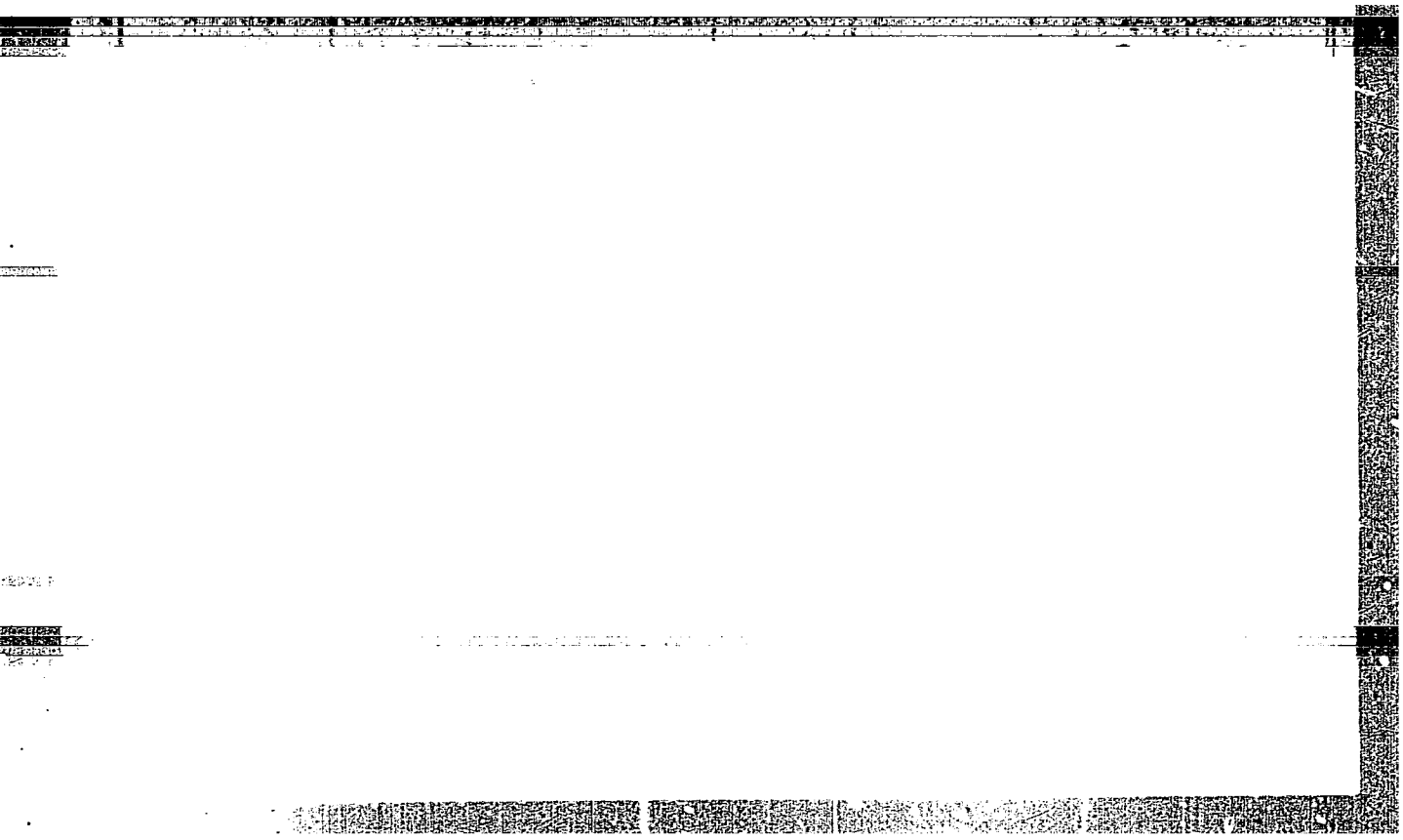

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Characteristics of pushing vessels belonging to the fluvial fleet used in the pushing navigation. Rev transport 8 no. 9:392-400 S '61.

NASTASE, C., prof., ing.; DRUGESCU, El., ing.

Characteristics of the nonpropelled, pushed crafts used in navigation.
Rev transport 8 no.10:429-438 '61.

DRUGICHENKO, S.K., vrach (selo Chernecha-Sloboda Sumskoy oblasti);
SUSHKO, O.A., fel'dsher (selo Chernecha-Sloboda Sumskoy oblasti)

Remarks on rural health education work. Fel'd. i akush. 21 no.8: 51-52 Ag '56. (MLRA 9:10)
(HEALTH EDUCATION)

DRUGINA, L.I.

Fluid flow in a reservoir with a uniformly permeated roof. Izv. vys. uchet. zav.; neft' i gaz 7 no.12:35-38 '64
(MIRA 18:2)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akademika I.M. Gubkina.

DRUGORITSKAYA, S.P. [Druhotyts'ka, S.P.]; K[illegible], [illegible]; SK[illegible]K, G.S.; [illegible], N.S.]

Modified methodology for determining aromatic substances in bread. Khar. prom. no.3:33-34 Jl-S '65. (MIRA 18:9)

DRUGOBITSKIY, M.B. (s. Privol'noye, Bashtanskogo rayona, Nikolayevskoy obl., ul. Bol'nichnaya, d.34)

On diagnosis of chronic appendicitis. Nov.khir.arkh. no.6:105-106 N-D '59. (MIRA 13:4)

1. Khirurgicheskoye otdeleniye Privol'nyanskoy uchastkovoy bol'nitsy. (APPENDICITIS)

RUMANIA/Diseases of Farm Animals. The Pathology of Multiplication R-3

Abs Jour: Ref Zhur - Biol., No 1, 1959, 2848

Author : Stoenescu, A., Drugociu, Gh., Dimitrievici, I.

Inst : Iasi Institute of Agronomy

Title : Studying the Sterility of Cattle in the Iasi Oblast', I. Brucellosis as a Cause of Sterility

Orig Pub: Anuarul lucrar. stint. inst. agron. Iasi. Bucuresti, 1957, 203-209

Abstract: No abstract

Card 1/1

RUMANIA/Diseases of Farm Animals. The Pathology of Multiplication R-3

Abs Jour: Ref Zhur - Biol., No 1, 1959, 2849

Author : Drugociu, Gh., Decus, V., Cires, Gh.
Inst : Jassy Institute of Agronomy
Title : Studying the Sterility of Cattle in the Iasi Oblast'. II. Trichomonosis as a Cause of Sterility

Orig Pub: Annuarul lucrar. stint. inst. agron. Iasi. Bucuresti, 1957, 211-222

Abstract: No abstract

Card 1/1

DRUGOCIU, Gh.

Role of the intero- and exteroreceptions at the development of sexual processes in sows. Studii biol agr Iasi 13 no.1:225-235 '62.

DRUGOV, A., MALINOV, L.

Saws

Zhuravskii saw for felling timber. Les. prom. no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August, 1952 1953. Unclassified.

1. DRUGOV, A.

2. USSR (600)

4. Docks

7. Russian Floating docks. Mor. flot 12 no. 11 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

DRUGOV, A.

Load-moving mechanism. Mor. i rech.flot 14 no.10:25 O '54.
(Material handling) (MLRA 7:11)

DRUGOV, A.; KOROBEYNIKOV, P. (Ryazan')

Amateur design of a television set. Radio no.7:31-33 Jl '60.
(MIRA 13:7)

(Television--Receivers and reception)

DRUGOV, A. A.

"Apparatus for Visual Observation of the Spectra of Electrical Oscillations." Sub 19 Jun 47, Moscow Electrical Engineering Inst of Communications

Dissertations presented for degrees in science and engineering in Moscow in 1947 Cand. Technical Sci.

SO: Sum No. 457, 18 Apr 55

112-57-7-15933

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1957, Nr 7, p 300 (USSR)

AUTHOR: Drugov, A. A.

TITLE: Frequency-Time Signal-Selectivity Method Used for Suppression of Continuous Noise in a Communication Channel (Bor'ba so sploshnymi pomekhami v trakte svyazi metodom chastotno-vremennoy izbiratel'nosti signala)

PERIODICAL: Tr. Ryazansk. radiotekhn. in-ta, 1956, Nr 1, pp 42-50

ABSTRACT: An experimental check is reported of a new method of continuous-noise suppression. The energy spectrum of a signal (speech, music, etc.) is irregular and continuously changes in time, whereas noise is assumed to have a uniform energy spectrum. By passing the signal-and-noise mixture through a number of parallel-connected band-filters (whose passbands are contiguous) and through minimum-type limiters, and by subsequent summation of the output voltages of the latter, the signal-noise ratio can be increased in the receiver channel (the noise will be eliminated during the periods when the signal level is lower or equal to the limitation level). The use of limiting provides a

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DRUGOV, A. S.; MALINOV, L. M.

Woodworking Machinery

Federov's woodworking machine, Der. i lesokhim. prom 2 No. 3, 1953

Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

DRUGOV, A.S. (Moscow).

250th anniversary of the first Russian printed newspaper. Poligr.proizv. no.7:25-26 Jl-Ag '53. (MLRA 6:9)
(Newspapers--History)

ACC NR: AP6002590 (A) SOURCE CODE: UR/0286/65/000/023/0088/0088

AUTHORS: Petkevich, A. A.; Kopityanskiy, L. R.; Drugov, F. P.; Murav'yeva, T. D.; Byl'tsova, V. K.; Yudina, E. G.; Ponomarev, V. V.; Ryazanov, G. M.

ORG: none

TITLE: Cover for pneumatic tires of wheeled vehicles with a multilayer carcass. Class 63, No. 176808 announced by Krasnoyarsk Tire Factory (Krasnoyarskiy shinnyy zavod)

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 88

TOPIC TAGS: tire, vehicle, polyamide

ABSTRACT: This Author Certificate presents a cover for pneumatic tires of wheeled vehicles with a multilayer carcass formed by polyamide and viscose cords. For improved tire life, the first and last few layers are made of polyamide cords, while the middle layers consist of viscose cords (see Fig. 1).

Card 1/2 UDC: 629.11.012.553.1

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ACC NR: AP6002590

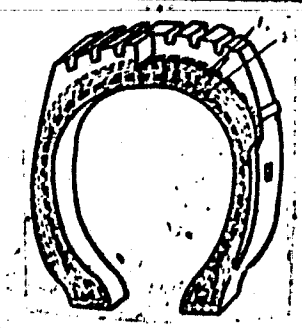

Fig. 1. 1 - carcass layer of polyamide cord; 2 - viscose cord carcass layer.

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 03Jan64

Card 2/2 BLG

DRUGOV, G. A.

33120

Novaya Seriya Elektriche-skikh Schetchikov Promyshlennogo Naznacheniya. Vestnik Elektrogrom-sti, 1949, No 10, c. 14-16

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

DRUGOV G.A.

DRUGOV, G.A.; ILYUKOVICH, A.M.

Current trends in the design of induction electric meters. Izm. tekh. no.4:18-23 Jl-Ag '55. (MLRA 8:10)
(Electric meters)

VOSTROKNUTOV, Nikolay Georgiyevich; ILYUKOVICH, Askol'd Mikhaylovich; DRU-GOV, G.A., red.; BORUNOV, N.I., tekhn. red.

[Testing of electric meters] Ispytanie elektricheskikh schetchikov. Moskva, Gos.energ. izd-vo, 1961. 207 p. (MIRA 14:6)
(Watt-hour meter—Testing)

BUZINIYER, M.I.; VOROPAY, A.P.; DRUGOV, I.P.; YEVDOKIMOV, I.I.; KANTOR, V.V.; KOMARNITSKIY, Yu.A.; MAKSIMENKO, I.I.; PAVLOVSKIY, V.V.; CHEREDNICHENKO, Ye.T.; FATEYEV, P.Ya., red.; VERINA, G.P., tekhn.red.

[Socialist competition in railroad transportation; collected articles] Sotsialisticheskoe sorevnovanie na zheleznodorozhnom transporte; sbornik statei. Moskva, Gos.transp.zhel-dor. izd-vo, 1959. 222 p. (MIRA 12:12)
(Railroads)

DRUGOV, I.P.; PAVLOVSKIY, V.V., inzh.

All-Union Day of the Railroadman should be marked by a new expansion sōcialist competition. Zhel.dor.transp. 41 no.7: 38-42 Jl '59. (MIRA 12:12)

1. Nachal'nik Otdela upravleniya kadrov Ministerstva putey soobshcheniya (for Drugov).
(Railroads--Labor productivity)

VOROPAY, A.P.; VYZHEKHOVSKAYA, M.F.; DRUGOV, I.P.; KOMARNITSKIY, Yu.A.; MAKSIMENKO, I.I.; PAVLOVSKIY, V.V.; STEPANOV, D.A.; CHEREDNICHENKO, Ye.T.; GANKIN, N.B., retsenzent; FATEYEV, P.Ya., retsenzent; PESKOV, L.N., red.; DROZDOVA, N.D., tekhn.red.

[Competition for communist labor in railroad transportation] Sorevnovanie za kommunisticheskii trud na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1963. 158 p. (MIRA 16:9)

(Socialist competition) (Railroads—Employees)

DRUGOV, K.

The machine-bibliographer. Nauka i zhizn' 25 no.5:68 My '58.
(Cybernetics) (MIRA 11:5)

S/509/62/000/011/015/019
E202/E392

AUTHORS: Lushnikov, G.A., Khramov, P.P. and Drugov, O.N.

TITLE: The possibility of using an ultrasonic introscope with an electronic-acoustic converter for the inspection of weld seams

SOURCE: Akademiya nauk SSSR. Institut metallurgii. Trudy. no. 11. Moscow, 1962. Metallurgiya, metallovedeniye, fiziko-khimicheskiye metody issledovaniya. 205 - 208

TEXT: The feasibility of using the above introscope for the inspection of thin-walled, seam-welded articles of 1.5 to 2.5 mm wall thickness is discussed. The ultrasonic introscope is shown in Fig. 1. The working frequencies of 4 to 4.5 Mc/s were selected and the voltage taken from the generator was of the order of 10 - 15 V. The generator 100M (100I) was used as the HF source, the latter being fed to the 20-mm diameter barium titanate piezo-electric plate serving as a radiator of the ultrasonics. A thin oil layer was used to secure good acoustic contact with the metallic wall of the bath. The longitudinal ultrasonic waves pass through an acoustic bath filled with water with the sample

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submerged in it and are received by the other barium titanate piezoelectric plate. The presence of nonhomogeneities in the sample produces a corresponding change in the visual signal. As a result of this the distribution of pressures in the ultrasonic field acting on the receiving plate becomes nonhomogeneous. The distribution of electric potentials on the surface of the receiving plate repeats the contours of the ultrasonic field and the corresponding potentials are fed to the electronic-acoustic converter. An ordinary scanning mechanism is used in this converter with 100 and 300 lines and 50 frames per second. Using the above apparatus, the authors studied its performance on samples of 30ХГС (30KhGS) steel. These samples of 23.5 mm average diameter and 1.5 to 2.5 mm thickness had diametrically distributed welded seams (mainly without mechanical treatment). During the inspection, the plane of the samples was always at right-angles to the plane of the ultrasonic-wave propagation. It is concluded that this method permits observing visually defects in weld seams of thin-walled articles, the quality of the picture depending on the ultrasonic wavelength and the dimensions of the defects themselves.

3

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E202/E392

The method is capable of changing the scale of the images by changing the parameters of the circuits. The homogeneity of the ultrasonic field in front of the sample is of great importance. Further work, concentrated particularly on the use of higher frequencies and impulse radiators, is recommended before the present method is used in industry. There is 1 figure.

Key to Fig. 1: Block diagram of an ultrasonic introscope

1 - electronic-acoustic converter; 2 - sample; 3 - HF generator; 4 - plate of the ultrasonic radiator; 5 - acoustic bath; 6 - piezoelectric plate of the receiver; 7 - preamplifier; 8 - main amplifier; 9 - indicator tube; 10 - analyzer

DEUBOV, P.

The mutal support of tank and infantry units during attack. No 11. Tankist, No 12, 1948.

DRUGOV, S. I.

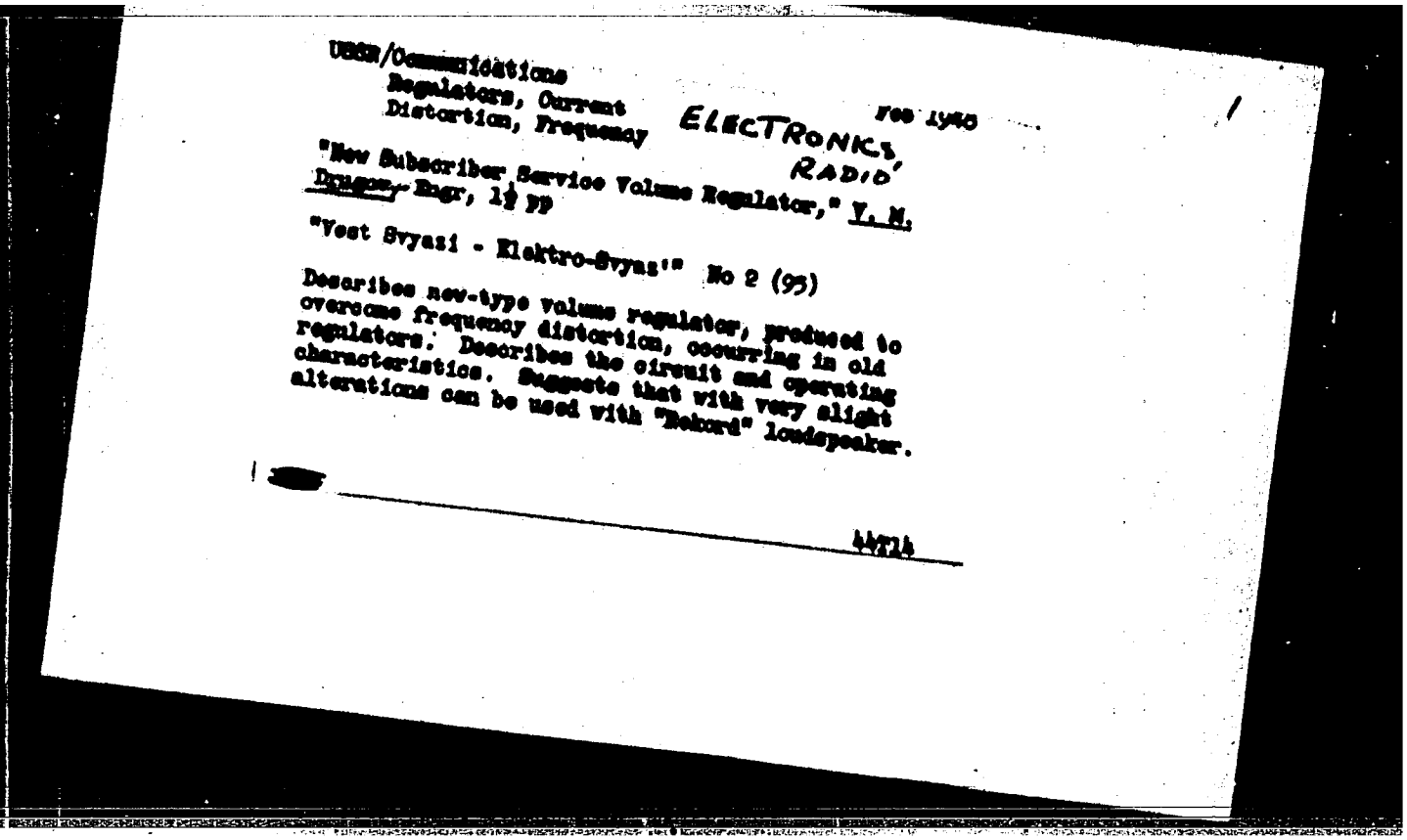
Stakhanovite assembly methods of metallic constructions. Biul. stroi. tekh. 9, No 13, 1952.

MALKOV, V.M.; VIKULOV, S.V., red.; DRUGOV, V.I., red.; LOGINOV, V.I., red.; [redacted], red.; SHOROKHOV, A.N., red.; PARAMONOV, B.P., red.; ROMANOV, A.A., red.; NEVZOROV, V.T., red.; KHMEL'NITSKIY, A.S., red.; [redacted]

[Volga-Baltic Sea Waterway] Volgo-balt. Vologda, Severo-Zapadnoe knizhnoe izd-vo, 1965. 381 p. (MIRA 18:10)

DRUGOV, V.M.

Stability of bridge-type amplifiers. Elektrosviaz' 18 no.2: 47-52 F '64. (MIRA 17:3)



USSR/Communications
Regulators, Current
Distortion, Frequency

Feb 1948

ELECTRONICS, RADIO

"New Subscriber Service Volume Regulator," V. M. Druzev, Engr, 1½ pp

"Vest Svyazi - Elektro-Svyaz'" No 2 (93)

Describes new-type volume regulator, produced to overcome frequency distortion, occurring in old regulators. Describes the circuit and operating characteristics. Suggests that with very slight alterations can be used with "Rekord" loudspeaker.

[redacted]

44714

DRUGOV, V.M.

Determining optimum parameters for pulse amplifiers with a complex correction. Radiotekhnika 8 no.4:51-58 Jl-Ag '53. (MIRA 11:6)

1. Deystvitel'nyy chlen Nauchno-tekhnicheskogo obshchestva radiotekhniki i svyazi im. Popova.
(Pulse techniques (Electronics))

USSR/ Electronics - Radio

Card : 1/1

Authors : Livshits, B., and Drugov, V.

Title : Remote Control of Rural Radio Relay Stations

Periodical : Radio, No. 4, 20 - 23, April 1954

Abstract : Detailed description of equipment designed by the Leningrad Branch of the USSR Central Research Institute, and used in the remote control of rural radio-relay stations. One circuit diagram and one block diagram illustrating the general layout and the arrangement of component parts in the remote-control system, are given.

Institution : ....

Submitted : ....

DRUGOV, V.M.

AUTHOR: Drugov, V.M.

TITLE: Graphical Determination of the Input Impedance of Four-terminal Networks (Graficheskoye opredeleniye vkhodnykh soprotivleniy chetyrekhpolyusnikov)

106-58-3-6/19

PERIODICAL: Elektrosvyaz', 1958, Nr 3, pp 49 - 53 (USSR)

ABSTRACT: Circle diagrams are developed which enable the input impedance of a four-terminal network to be ascertained graphically for different load impedances. The input impedance is given by:

$$\bar{Z}_{BX} = \bar{Z}_{XX} \frac{\bar{Z}_{K3} + \bar{Z}_H}{\bar{Z}_{XX} + \bar{Z}_H} \qquad (1)$$

where $\bar{Z}_{K3}$ is the input impedance with the output terminals short-circuited, $\bar{Z}_{XX}$ is the input impedance with the output terminals open-circuited, $\bar{Z}_H$ is the load impedance.

Card1/4

Graphical Determination of the Input Impedance of Four-terminal Networks

Letting:

$$\bar{Z}_{BX} = R_{BX} + iX_{BX}$$

$$\bar{Z}_H = Z_H \cos \varphi_H + iZ_H \sin \varphi_H$$

$$\bar{Z}_{K3} = R_{K3} + iX_{K3} \qquad (2)$$

$$\bar{Z}_{XX} = R_{XX} + iX_{XX}$$

$$\bar{Z}_c = R_c + iX_c$$

separating the real and imaginary parts and eliminating Z_H and φ_H in turn, two circle equations are obtained:

$$R_{BX}^2 + X_{BX}^2 + 2A_1R_{BX} + 2B_1X_{BX} + C_1 = 0 \qquad (3)$$

Card2/4

Graphical Determination of the Input Impedance of Four-terminal Networks

$$R_{BX}^2 + X_{BX}^2 + 2A_2R_{BX} + 2B_2X_{BX} + C_2 = 0 \qquad (4).$$

Thus, if Z_H varies from 0 - ∞ with φ_H constant, the input impedance is a circle with its centre co-ordinates and radius given by:

$$R_{BXO} = -A_1,$$
$$X_{BXO} = -B_1, \qquad (5).$$
$$r = \sqrt{A_1^2 + B_1^2 - C_1}$$

Similarly, if φ_H varies from 0 to $2K\pi$ with Z_H = constant, the input impedance is a circle with its centre co-ordinates and radius given by:

Graphical Determination of the Input Impedance of Four-terminal Networks

$$R_{BXO} = -A_2$$
$$X_{BXO} = -B_2 \qquad (6)$$
$$r = A_2^2 + B_2^2 - C_2$$

When $\varphi_H = \varphi_{XX}$ and $Z_H = Z_{XX}$, the circles become mutually perpendicular lines on which the centres of all the circles lie.

The procedure for constructing circle diagrams from the above propositions is given, together with an example of their use. There are 2 figures and 2 references: 1 Soviet and 1 German.

SUBMITTED: December 26, 1956

AVAILABLE: Library of Congress

Card 4/4

1. Electrical networks-Mathematical analysis

SOV/111-59-4-9/25

6 (7)

AUTHORS: Drugov, V. M., Candidate of Technical Sciences, Senior Research Assistant NIITS; Terent'yev, V. N., Engineer, Junior Research Assistant

TITLE: A Transistorized Two-Way Telephone Amplifier (Dvustoronniy telefonnyy usilitel'na poluprovodnikovykh triodakh)

PERIODICAL: Vestnik svyazi, 1959, Nr 4, pp 9 - 10 (USSR)

ABSTRACT: A new transistorized two-way telephone amplifier was developed at NIITS. It is to be used for cable lines of city and suburban telephone networks. About 20 amplifiers may be mounted in one bay (305 x 105 x 2365 mm) and a control panel permits the checking of the function of each of them. The circuit diagram is shown by Figure 1. The amplifier is a lattice four-pole or a so-called bridge amplifier consisting of two parts. The first part, the series section of the bridge circuit contains a line transformer, one converter and a two-terminal network. The transformer has two identical line coils and is built symmetrical in regard to ground. The second part of the amplifier, the parallel

Card 1/2

section, contains a converter and a two-terminal network. The converters contain two transistors each; types P1V, P6V or P14 may be used. The maximum amplification is obtained when the device works as a terminal unit; at 800 cycles it is 1 neper. The frequency range of the amplifier is 300 to 3400 cycles. The application of the bridge amplifier permits a higher line attenuation: for city lines to long distance stations, up to 1 neper; for inter-station communication lines 1 to 3 nepers (depending upon the number of amplifiers); subscriber lines - 1 to 2 nepers (depending upon the number of amplifiers). The power consumption is around 30 watts at 60 volts (24 or 48 volts may be used). These amplifiers have been tested in Leningrad at the Volodarskaya ATS since July 1957, and at the long-distance telephone exchange since April 1958. The effectiveness of this type of amplifier is demonstrated by Figure 3. A small number of these amplifiers will be produced by the experimental workshops of NIITS. There are 2 diagrams and 1 graph.

DRUGOV, Viktor Mikhaylovich; DRAPKIN, Daniil Moiseyevich; SAGALOVICH, L.I., otv. red.; BATRAKOVA, T.A., red.

[Bridge-type telephone amplifiers] Telefonnye usiliteli mostovogo tipa. Moskva, Sviaz', 1965. 48 p.
(MIRA 19:1)

DRUGOV, Yu.S.

Spectrophotometric method for determining free styrene and methylstyrene in serial butadiene-styrene (α methylstyrene) latexes. Kauch. i rez. 23 no.1:51-53 Ja '64.
(MIRA 17:2)

1. Voronezhskiy filial Nauchno-issledovatel'skogo instituta sinteticheskogo kauchuka im. S.V. Lebedeva.

DRUGOV, Yu.S.

Spectrophotometric determination of certain inhibitors in styrene and butadiene styrene rubbers. Kauch.i rez. 23 no.11:54-55 N '64. (MIRA 18:4)

1. Voronezhskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta sinteticheskogo kauchuka im. S.V.Lebedeva.